



MEMORANDUM OF UNDERSTANDING

Between

Indian Institute of Technology Madras

And

**Department of Higher Education
Ministry of Education
Government of India**

For

2022-23

Memorandum of Understanding (MoU) between Department of Higher Education, Ministry of Education, Government of India & the Indian Institute of Technology Madras for 2022-23 in pursuance of the Rule 229(xi) of the GFR, 2017

This Memorandum of Understanding (hereinafter referred to as MoU) is entered into at New Delhi on this ____ day of _____, 2022 between Department of Higher Education, Ministry of Education, Government of India, Shastri Bhawan, Rajendra Prasad Road, New Delhi-110011 (hereinafter referred to as MoE)

And

The Indian Institute of Technology Madras (hereinafter referred to as the Institute) having its Headquarter at Chennai and represented by its Director (hereinafter referred to as the Institute) which term and expression shall mean and include, unless repugnant to the context, its successors, assignees, administrators of the Institute.

WHEREAS

1. This MoU is executed in terms of Rule 229 (xi) of the General Financial Rules, 2017 (hereinafter referred to as GFR, 2017) and the subsequent instructions issued by the Ministry of Finance, Department of Expenditure, (hereinafter referred to as MoF) with the objective of improving efficiency of the expenditure, making the action plan outcome oriented, maintaining financial discipline and measuring performance of the Institution on key parameters against the targets set so as to improve its performance.
2. The Institute has the pre-defined Vision, Mission and Objectives as outlined hereunder:-

(A) Vision:

To be an academic institution in dynamic equilibrium with its social ecological and economic environment striving continuously for excellence in education, research and technological service to the nation.

(B) Mission:

- (i) To create and sustain a community of learning in which students acquire knowledge and learn to apply it professionally with due consideration for ethical, ecological, and economic issues.

- (ii) To pursue research and disseminate research findings.
- (iii) To provide knowledge-based technological services to satisfy the needs of society and the industry.
- (iv) To help in building national capabilities in science, technology, humanities, management, education and research.

(C) Objectives:

- (i) To provide the best educational infrastructure for imparting high class education in science and technology and a creative atmosphere for inter-disciplinary research both by the students and the faculty.
- (ii) To increase the student capacity to meet the growing demands for industry
- (iii) To maintain global standards in student-faculty ratio, research output, publications in journals and placement of students
- (iv) To participate in and contribute to nation building through various flagship schemes of the Government of India/State Governments requiring technological interventions thereby spurring economic growth for the welfare of the masses
- (v) To provide research and development consultancy, which will foster healthy industry-academia partnership, thereby providing a competitive edge to the indigenous manufacturing.

NOW, THEREFORE, the parties here to express their common understanding as under:

(A) MOE shall

- (i) Provide financial support to the Institute to meet its recurring and non-recurring liabilities in such manner and on such conditions as prescribed by the Government of India (hereinafter referred to as GoI) from time to time,
- (ii) Help raise other resources, including loan from HEFA for expansion of infrastructural facilities, which have a direct bearing on the performance of the Institute as committed in this MOU.
- (iii) Provide guidance and advice in administrative, financial, legal and such other matters as the Institute may require in fulfilling its mandate.

- (iv) Provide support in obtaining necessary clearances and approvals, as and when required, from various Ministries, Departments, and Agencies of the Central/State Governments.
- (v) Provide support in resolving any dispute with any other authority of the Central/State Government or a private party, as and when required.

(B) THE INSTITUTE shall comply with:

- (i) Without prejudice to what has been stipulated in the Institute of Technology Act, 1961 (hereinafter referred to as the Act of 1961), as amended from time to time and the Statutes framed there under, the institute is expected to recover user charges at rates not lower than cost recovery norms.
- (ii) Specific provisions as contained in the OM No.1/1/2016-E.IIIA dated 13.01.2017 in relation to revision of pay scales in accordance with the recommendations of the 7th CPC and any other instruction issued by MoE from time to time on issues pertaining to the Institute.
- (iii) The provisions of the GFR, 2017, including the instructions on financial advice for autonomous bodies, as mentioned in Rule 229(viii) and those concerning release of grants-in-aid, submission of audited accounts, performance report etc.
- (iv) Guidelines issued by the Central Vigilance Commission (CVC) in matters of vigilance and disciplinary proceedings etc.
- (v) Uniform accounting procedure in accordance with the guidelines issued by MoF.

Provisions of the Institutes of Technology Act, 1961, the Statutes framed thereunder and the instructions issued by MOE from time to time with regard, inter-alia, to creation of posts and framing of Recruitment Rules.

(C) THE INSTITUTE shall also ensure to:

- (i) Finalize any understanding or MoU with any other party including similar organizations abroad in accordance with the provisions of the Act of 1961 and the Statutes framed there under, and the instructions issued by MOE from time to time.
- (ii) Frame Rules for its corpus fund indicating clearly the Internal Revenue Generation(IRG) that can be transferred to such fund or

utilized from such fund and items for which such expenditure can be incurred.

- (iii) Have clearly defined 'Delegation of Powers' for deciding all administrative and financial matters.
- (iv) Shall run courses, to the extent possible, to be self-supporting without the need for cross subsidization as well as over-charging from students for flagship courses.
- (v) Ensure that the post of Registrar is filled up by a person having sufficient experience in administration and should preferably be an appropriate level official from the Government on deputation to ensure neutrality and transparency.
- (vi) Ensure that the Recruitment Rules for the posts of Registrar and the Finance Officer are framed and the selection must follow the Recruitment Rules.
- (vii) Ensure that all its accounts are audited by internal auditors regularly and formal audit by the C&AG ***in terms of the provisions of the Act of 1961 and the Statutes framed thereunder.***
- (viii) Ensure that all financial operations are done under the ***EAT Module of PFMS and transaction done through TSA mode.***
- (ix) Present an outcome budget along with annual action plan so that it can be dovetailed in the outcome budget of MOE.
- (x) Comply strictly with the timelines for submission of annual reports and annual audited accounts to MOE for the purpose of being tabled in Parliament ***within 9 months from close of the financial year.***
- (xi) Forward to MOE any information required by it to satisfy any requirement related to Parliamentary Matter, RTI, Public Grievances, VIP References, Court Cases, and Notices from Commissions and Statutory Authorities and also inputs for formulation of any policy.
- (xii) In order to attract good number of meritorious students to join PMRF scheme, faculty members of the institute has identified ***99 potential students in the final year***; for mentoring and guiding them in preparing projects / abstracts so that they are able to meet the PMRF selection criteria.
- (xiii) The Institute to ensure that the reservation in prescribed percentage is followed as per the CEI (Reservation in Admission) Act, 2006 for students and as per the CEIs (Reservation in Teachers Cadre) Act for faculties. Also, the GoI guidelines are followed in recruitment of non-teaching posts. The Institute shall ensure equal

opportunities and necessary facilities to persons with disabilities in admission and services as per the law.

- (xiv) **Special recruitment drive in mission mode will be conducted by the Institute to fill the vacant faculty positions. So far 29 number of faculty members have been recruited by the Institute.**

(D) FINANCIAL POSITION:

Details of Funds available with the Institute in the last three years are as under:-

Nature of Funds	2019-20	2020-21 #	2021-22 *
Government Grants	613,90,35,000	633,33,97,723	649,58,37,295**
Internal Resource Generation	88,52,30,233	87,53,76,018	86,53,16,315
Corpus Funds \$	103,73,53,358	64,17,11,305	94,44,78,685
Endowment Receipts \$	15,17,58,053	2,95,99,969	6,31,11,741
Centre for Continuing Education	13,24,62,572	9,80,69,529	21,85,03,383
Project Receipts	572,20,22,077	523,07,74,029	1077,63,71,533
Total	1406,78,61,293	1320,89,28,573	1936,36,18,952

* The figures of 2021-22 are provisional and subject to certification by CAG(Audit). Govt. Grants excludes Rs.253.50 crore received under World Class Institution (IoE) Scheme.

** The grant received from Ministry was Rs.603.61 cr against the sanctioned budget of Rs.609.42 cr. The Govt. Grants Rs.649.58 includes Grant-in-aid released towards EWS and HEFA interest.

Final figures as certified by C&AG

\$ Donations for Corpus and Endowment will be utilized for the purpose for which they were contributed.

(E) RECEIPTS AND EXPENDITURE POSITION:

Estimates of Receipts and Expenditure for the period of MoU, i.e. 2022-23 are as under:-

Nature of Receipts	Amount	Heads of Expenditure	Amount
Government Grants	640,32,00,000	Scholarship	128,00,00,000
Internal Resource	84,00,00,000	Pension/Pensionary benefits	132,00,00,000
Corpus Funds	0	Other recurring expenditure	290,00,00,000
Any other Sources	0	Salary and Allowances	360,00,00,000
		Building	11,00,00,000
		Equipment	30,00,00,000

Nature of Receipts	Amount	Heads of Expenditure	Amount
		Library books & Journals	24,00,00,000
		Furniture	12,00,00,000
Total	724,32,00,000		987,00,00,000*

*Total expenditure shall be restricted to GIA received from MoE and IRG

(F) ANNUAL TARGETS FOR PHYSICAL OUTPUTS/DELIVERABLES:

(As per Annexure I)

(G) PERFORMANCE EVALUATION PARAMETERS:

- (i) The performance will be evaluated using the criteria listed at Annexure I. The weightage to be attached to each criterion and the criterion value corresponding to different performance ratings are also given therein. The overall score will be calculated through the formula given in the Annexure based on the scores obtained in each parameter.
- (ii) There would also be a negative marking by which the overall score obtained through Annexure I will be reduced based on penalties listed out in Annexure II
- (iii) The Consolidated score would be arrived at by reducing the negative score obtained in Annexure II from the overall score obtained under Annexure I.
- (iv) The overall rating of the organization would be as given in Annexure III based on the consolidated score obtained in Para (iii) above.
- (v) The number of meritorious students identified by the faculty members of the institute for mentoring and guiding them in preparing projects / abstracts so that they are able to meet the PMRF selection criteria.

(H) IMPLEMENTATION AND MONITORING OF THE MoU:

- (i) Performance Evaluation against MOU parameters shall be carried out every quarter and monitored by the Institution.
- (ii) The performance evaluation shall be submitted to the Board of Governors on quarterly basis during the Board meetings for consideration & review. After the review by the Board, the same shall be sent to MOE along with the recommendations and the comments of the Board.

- (iii) A Joint review by the Institution and the MOE shall be carried out within 90 days of completion of the financial year. The result of the Joint Review shall be placed before the Board. The Director of the Institute shall ensure compliance of the issues raised or pointed out in the review and shall cause the MoU report and the review comments prominently hosted on the website of the Institute.

V. Kamakoti

Prof. V Kamakoti
Director

Indian Institute of Technology Madras
Chennai – 600 036

निदेशक / Director
भारतीय प्रौद्योगिकी संस्थान मद्रास
Indian Institute of Technology Madras

[Signature]

Sh. Rakesh Ranjan
Additional Secretary (TE)
Department of Higher Education
Ministry of Education
Government of India

(RAKESH RANJAN)
Additional Secretary
Govt. of India
Ministry of Education
D/o Higher Education
Shastri Bhawan, New Delhi

New Delhi:

Date:

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

PERFORMANCE EVALUATION PARAMETERS AND TARGETS 2022-23

Sl.	Criteria	Existing Levels	Targeted Levels	Unit	Weightage	Criteria Value				
						1	2	3	4	5
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
No.		Average of 3 years, 2019-20, 2020-21, 2021-22 (X)	2022-23 (Y)			Excellent (10 pts)	V.Good (8 pts)	Good (6 pts)	Fair (4 pts)	Poor (2 pts)
						Reached the figure Y, i.e. Target as given in Col. (4)	Less than Y but Reached Figure = X + 0.8*(Y-X)	Less than Figure in Col. 8 but Reached Figure = X + 0.6*(Y-X)	Less than Figure in Col. 9 but Reached Figure = X + 0.4*(Y-X)	Less than Figure = X + 0.4*(Y-X)
1.	Student strength				(35)					
1.1	UG students intake	838	877	No.	10					
1.2	PG students intake	1058	1119	No.	10					
1.3	Ph.D. intake	400	500	No.	5					
1.4	Dual Degree, if any, during the year	170	177	No.	5					
1.5	Teacher student ratio	1:15	1:15	ratio	5					
2	Research and Professional practice				(22)					
2.1	Combined Metric for Publications	9.6/10	9.5/10	Metric parameter	5					
2.2	Combined Metric for Quality of Publications	9.16/10	9.0/10	Metric Parameter	5					
2.3	No. of patents filed	204	≥150	No.	5					
2.4	No. of patents granted and licensed	116	*	No.	5					

2.5	Total revenue accruing to the Institution (as distinct from to individual faculty) through consultancies	147.33 cr	125cr	Rs	2					
3	Graduation Outcome				(13)					
3.1	Combined % of placements, higher studies and entrepreneurship	81.96	≥85	%	5					
3.2	No. of Ph.D students graduated	312	≥250	No.	3					
4	Financial parameters				(10)					
4.1	% of total cost recovery by means of fees and other resources, except MHRD funds (Sum of Item 3 in Annexure IV)	13.7%	10%	%	4					
4.2	Incremental growth in amount of Corpus Fund as on 1 st July of the year compared to 1 st July of previous year	19.24%	10%	Rs.	2					
4.3	% Utilisation of funds received from MHRD w.r.t to BE/RE	99.67%	100%	%	4					
5	Outreach and inclusivity				(10)					
5.1	Percent students from other countries	0.03%	0.01%	%	1					
5.2	Percentage of girl students	21.66%	22%	%	2					
5.3	% of faculty from SC, ST, OBC	13.53%**	16%	%	2					
	** % of faculty before CEI Act-13% % of faculty after CEI Act -16% (as on 30.06.2022)									
5.4	% of students from SC, ST, OBC	44.27%	49.05%	%	2					
5.5	No. Of cases reported related to sexual harassment	3.3	NIL	No.	2					
5.6	No. Of ragging cases reported	NIL	NIL	No.	1					

6	Infrastructure creation (where applicable, in other cases weightage will be zero)				(10)					
6.1	Infrastructure created during the year (In sq. Meter)	(i)39,649.77 sqm (ii)16,526.67 RMT	32,921 sqm	(i) Sq. Meter (ii) Rmt.	10					
7	Overall Performance				(20)					
7.1	NIRF Ranking	Overall No.1; Engg, No.1 Research No.2 (in 2021-22)	Top-3	rank	20					
8	PMRF				(10)					
8.1	No. of students mentored by faculty	68	99	No.	5					
8.2	No. of students admitted out of mentored ones	-	-	No.	5					
	Total				130					

1. If any parameter is not applicable to any Institution, the same may be substituted/ modified/ deleted from this list. The overall weightage obtained by adding Column 6, will be the denominator for calculation of % performance
2. Existing level will be decided by taking the average values of last three years from 2019-20, 2020-21, 2021-22 except in case of NIRF, where it will be the Rank in 2021-22. If the 2021-22 parameter is not yet available at the time of signing of MoU then average of two years 2019-20 and 2020-21 would be taken. If the Institution did not participate in NIRF Ranking in 2021-22, a notional ranking of 500 would be given for the year 2021-22 for calculation purposes.
3. The Institution and the Ministry would arrive at an agreement on which NIRF Ranking category should be applied for the Institution and then the evaluation would be done on performance in that category only. A change in category would be permitted during the course of the year only if the chosen category is not being taken up by NIRF for categorisation in the year 2021-22.
4. For parameters like ragging cases, anti-sexual harassment cases and NIRF ranking, a lesser value than existing level would be taken as successful achievement and achievement parameter would be accordingly modified.
5. Score given on each parameter would be as follows: Excellent – 10; Very Good – 8; Good – 6; Fair – 4; Poor – 2
6. If an Institution does not participate in NIRF Ranking exercise in the current year, the weightage would remain at 20 for the NIRF parameter and the Institution would get a zero score on it.
7. Overall Score of an Institution would be calculated as follows: $\text{Sum (Score of each Parameter} \times \text{Parameter weightage)} \times 100 / \text{Total weightage}$

PARAMETERS FOR NEGATIVE MARKINGS

There will be negative marking from the overall score, obtained in Annexure I, as follows:

- i) Laying of Annual Report in Parliament
 - a. **If Annual Report of 2020-21 submitted to MHRD before the start of Winter session, 2020 – Less 0% ✓**
 - b. If Annual Report of 2020-21 submitted to MHRD after 1/1/2021 but before 31/3/2021 – Less 1%
 - c. If Annual Report of 2020-21 not submitted to MHRD by 31/3/2021 – Less 3%
- ii) Submission of data for AISHE
 - a. **If submitted in 2021-22 within the last date fixed for the same – Less 0% ✓**
 - b. If submitted in 2021-22 but after last date fixed for the same but before 31.3.20 – Less 1%
 - c. If not submitted in 2021-22 by 31.3.2021 – Less 3%
- iii) Holding of Meeting of Board at least once a quarter (*Other Institutions may mention their own Management bodies*)
 - a. **If Board meeting held once in a quarter, with at least 4 meetings in a year – less 0% ✓**
 - b. If Board meeting not held in any quarter, but 4 meetings held in a year – less 1% for each quarter when Board meeting not held
 - c. If total number of Board Meetings held in year less than 4 – less 4%
Quarters for this parameter mean the periods: Quarter I: April-June; Quarter II: July-September; Quarter III: October – December; Quarter IV: January - March
- iv) Counselling system in the Institution.
 - a. **When a robust counselling system exists and there is no suicide or attempt to suicide – less 0% ✓**
 - b. When no robust system exists but there no suicide or attempt to suicide – less 1%
 - c. When a robust counselling system exists but there is at least one suicide or attempt to suicide – less 3%
 - d. When no robust counselling system exists but there is at least one suicide or attempt to suicide – less 4%
- v) Signing of MoU
 - a. **When MoU for 2021-22 signed before 31/3/2021 – less 0% ✓**
 - b. When MoU for 2021-22 finalized by MHRD and Institution jointly but not signed by 31/3/2021 – Less 0.5%
 - c. When MoU for 2021-22 neither finalized by MHRD and Institution jointly nor signed – Less 2%

- vi) Vigilance cases
 - a. **Where Disciplinary cases ordered by CVC – less 1% per case ✓**
 - b. Where criminal prosecution or CBI enquiry ordered by CVC – Less 2% per case
For this purpose, each case would mean each separate incident on which an enquiry has been done by CVC
- vii) **On boarding on ABC platform ✓**
 - a. In case of No – less 1%
- viii) **Preparation of Institutional Development Plan (IDP) as envisaged in NEP,2020 ✓**
 - a. In case of No – less 1%
- ix) **Implementation of Multiple Entry- Exit system ✓**
 - a. In case of No – less 1%
- x) **No of Courses through Online & Digital Education with credit mechanism ✓**
 - a. In case of No – less 1%

Annexure III

RATING OF INSTITUTION BASED ON CONSOLIDATED SCORES

Performance of the Institution would be graded based on overall score less the negative score to get the Consolidated Score. The performance based on the consolidated score would be as follows:

Consolidated Score		Rating
More than	Equal to or less than	
90	100	Excellent
70	90	Very Good
50	70	Good
33	50	Fair
Less than or equal to 33%		Poor

Indian Institute of Technology Madras

Financial Commitment of MHRD and Other Sources of Revenue

1. The MHRD would allocate the following funds to be released through Consolidated Fund of India in the year 2022-23:

(Rs. in crore)

Head	Budget Estimate	Budget sanctioned by MoE
Revenue	910.00 *	583.00 #
Capital	77.00	57.32
Total	987.00	640.32

* Includes HEFA interest of Rs.51 crore.

Excluding HEFA interest, interest shall be reimbursed by MoE on actual basis.

2. The Institution would apply for grant of funds under HEFA as follows:

HEFA Loan application: **Rs.270 crore (Approximately)**

3. The Institution will raise funds from other sources as follows (2022-23):

i.	User charges in form of fees	: Rs.67.00 cr
ii.	User Charges other than fees	: Rs.16.00 cr
iii.	Alumni donation	: Rs.50.00 cr
iv.	Extra mural funding from other Departments/Ministries of GoI	: Rs.150.00 cr
v.	Extra Mural funding from other sources	: Rs.60.00 cr
vi.	Other resources not covered above	: IoE Grant : Rs.275 cr (Recurring : Rs.68 cr; Capital :Rs.207 cr)